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FILE 'AGRICOLA' ENTERED AT 11:22:44 ON 06 NOV 2002

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=> s histone deacetylase

L1 3238 HISTONE DEACETYLASE

=> s l1 and transcription

L2 1672 L1 AND TRANSCRIPTION

=> s l2 and (regulat? or repress? or control)

L3 1473 L2 AND (REGULAT? OR REPRESS? OR CONTROL)

=> s l3 and express?

L4 836 L3 AND EXPRESS?

=> s l3 and transgenic?

L5 29 L3 AND TRANSGENIC?

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 22 DUP REM L5 (7 DUPLICATES REMOVED)

=> d 1-10 ti

L6 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Conserved regulation of the lymphocyte-specific expression of Lck in the Fugu and mammals

L6 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Deregulation of polyamine biosynthesis alters intrinsic histone acetyltransferase and deacetylase activities in murine skin and tumors

L6 ANSWER 3 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Exchange of N-CoR corepressor and Tip60 coactivator complexes links gene expression by NF-kappaB and beta-amyloid precursor protein.

L6 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Methods and compositions relating to histone deacetylase 4 and 5 regulation of cardiac gene expression

L6 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Transgenic plants expressing histone

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
 saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
 CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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deacetylase genes for use in control of plant development

L6 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
TI **Repressor** element silencing **transcription** factor/neuron-restrictive silencing factor (REST/NRSF) can act as an enhancer as well as a **repressor** of corticotropin-releasing hormone gene **transcription**

L6 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2002 ACS
TI Evidence for epigenetic mechanisms that silence both basal and immune-stimulated **transcription** of the IL-8 gene

L6 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2
TI Intergenic **transcription** in the human .beta.-globin gene cluster

L6 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Gene targeting reveals a crucial role for MTG8 in the gut.

L6 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2002 ACS
TI **Histone deacetylase** inhibitors induce remission in **transgenic** models of therapy-resistant acute promyelocytic leukemia

=> d 4 ab

L6 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2002 ACS
AB The invention relates to cardiac hypertrophy. More particularly, the invention defines the mol. events linking calcium stimulation to cardiac hypertrophy. More specifically, the invention shows that Ca²⁺ stimulation of the hypertrophic response is mediated through an **histone deacetylase** (HDAC) 4 and 5 interaction with myocyte enhancer factor 2 (MEF2), and that phosphorylation of HDACs results in loss of HDAC-mediated **repression** of MEF2 hypertrophic action. Thus, the invention provides methods and compns. of treating cardiac hypertrophy, as well as methods and compns. for identifying subjects at risk for cardiac hypertrophy. Further provided are methods for the detection of compds. having therapeutic activity toward cardiac hypertrophy.

=> d 3 pi

L6 ANSWER 3 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

=> d 5 pi

L6 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2002 ACS
PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1094112 A2 20010425 EP 2000-307375 20000829
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

=> d 11-22 ti

L6 ANSWER 11 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI The RARalpha-PLZF chimera blocks C/EBPalpha DNA binding and myeloid cell differentiation.

L6 ANSWER 12 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI The IL-7 receptor controls the accessibility of the TCRgamma locus by

- Stat5 and histone acetylation.
- L6 ANSWER 13 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Igf2/H19 imprinting control region (ICR): An insulator or a position-dependent silencer.
- L6 ANSWER 14 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Role for the nuclear protein kinase HIPK2 in corepressor activity of Groucho during development.
- L6 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3
TI Blocking histone deacetylation in Arabidopsis induces pleiotropic effects on plant gene regulation and development
- L6 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2002 ACS
TI An Ikaros-containing chromatin-remodeling complex in adult-type erythroid cells
- L6 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS
TI Atrophin-1, the dentato-rubral and pallido-luysian atrophy gene product, interacts with ETO/MTG8 in the nuclear matrix and represses transcription
- L6 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4
TI Functional analysis of a RPD3 histone deacetylase homologue in Arabidopsis thaliana
- L6 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 5
TI DNA methylation and histone deacetylation in the control of gene expression: basic biochemistry to human development and disease
- L6 ANSWER 20 OF 22 AGRICOLA DUPLICATE 6
TI Functional analysis of HD2 histone deacetylase homologues in Arabidopsis thaliana.
- L6 ANSWER 21 OF 22 AGRICOLA
TI A screen for mutations that prevent lethality caused by expression of activated sevenless and Ras1 in the Drosophila embryo.
- L6 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS
TI Distinct interactions of PML-RAR.alpha. and PLZF-RAR.alpha. with co-repressors determine differential responses to RA in APL
- => d 15 so
- L6 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(1), 200-205
CODEN: PNASA6; ISSN: 0027-8424
- => d 18 so
- L6 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4
SO Plant Molecular Biology (2000), 44(2), 167-176
CODEN: PMBIDB; ISSN: 0167-4412
- => d 20 so
- L6 ANSWER 20 OF 22 AGRICOLA DUPLICATE 6
SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No. 1. p. 19-27

Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412

=> s atrpd3a
L7 3 ATRPD3A

=> d 1-3 ti

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
TI Transgenic plants expressing histone deacetylase genes for use in control
of plant development

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
TI Functional analysis of a RPD3 histone deacetylase homologue in *Arabidopsis*
thaliana

L7 ANSWER 3 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Functional analysis of a RPD3 histone deacetylase homologue in *Arabidopsis*
thaliana.

=> d 1-2 so

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
SO Eur. Pat. Appl., 65 pp.
CODEN: EPXXDW

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
SO Plant Molecular Biology (2000), 44(2), 167-176
CODEN: PMBIDB; ISSN: 0167-4412

=> s atrpd3b
L8 2 ATRPD3B

=> dup rem 18
PROCESSING COMPLETED FOR L8
L9 1 DUP REM L8 (1 DUPLICATE REMOVED)

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
TI Functional analysis of a RPD3 histone deacetylase homologue in *Arabidopsis*
thaliana

=> d so

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
SO Plant Molecular Biology (2000), 44(2), 167-176
CODEN: PMBIDB; ISSN: 0167-4412

=> s athd2a or athd2b
L10 4 ATHD2A OR ATHD2B

=> dup rem 110
PROCESSING COMPLETED FOR L10
L11 2 DUP REM L10 (2 DUPLICATES REMOVED)

=> d 1-2 ti

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

TI Transgenic plants expressing histone deacetylase genes for use in control
of plant development

L11 ANSWER 2 OF 2 AGRICOLA DUPLICATE 1
TI Functional analysis of HD2 histone deacetylase homologues in Arabidopsis
thaliana.

=> d 1-2 so

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
SO Eur. Pat. Appl., 65 pp.
CODEN: EPXXDW

L11 ANSWER 2 OF 2 AGRICOLA DUPLICATE 1
SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No.
1. p. 19-27
Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412

=> d pi

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1094112	A2	20010425	EP 2000-307375	20000829
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			

=> s l1 and gal4

L12 75 L1 AND GAL4

=> s l12 and transgenic

L13 5 L12 AND TRANSGENIC

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 3 DUP REM L13 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
TI Methods and compositions relating to **histone deacetylase**
4 and 5 regulation of cardiac gene expression

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
TI **Transgenic** plants expressing **histone**
deacetylase genes for use in control of plant development

L14 ANSWER 3 OF 3 AGRICOLA DUPLICATE 1
TI Functional analysis of HD2 **histone deacetylase**
homologues in Arabidopsis thaliana.

=> d 1-3 so

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
SO PCT Int. Appl., 126 pp.
CODEN: PIXXD2

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
SO Eur. Pat. Appl., 65 pp.

CODEN: EPXXDW

L14 ANSWER 3 OF 3 AGRICOLA DUPLICATE 1
SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No.
1. p. 19-27
Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412